

C4L Math Item Count by Tested Indicator			
Grade 6			
NUMBER SENSE	Number of items in Item Bank		
<i>MA 6.1.1.b Compare and order positive and negative integers</i>	7		
<i>MA 6.1.1.d Represent large numbers using exponential notation</i>	1		
<i>MA 6.1.1.e Identify the prime factorization of numbers</i>	17		
<i>MA 6.1.2.a Use drawings, words, and symbols to explain the meaning of addition and subtraction of fractions</i>	11		
<i>MA 6.1.2.b Use drawings, words and symbols to explain the meaning of addition and subtraction of decimals</i>	6		
<i>MA 6.1.3.a Multiply and divide positive rational numbers</i>	13		
<i>MA 6.1.3.b Select and apply the appropriate method of computation when problem solving</i>	17		
<i>MA 6.1.4.a Use appropriate estimation methods to check the reasonableness of solutions for problems involving positive rational numbers</i>	8		
GEOMETRIC/MEASUREMENT CONCEPTS	Number of items in Item Bank		
<i>MA 6.2.2.a Identify the ordered pair of a plotted point in the coordinate plane</i>	6		
<i>MA 6.2.4.a Identify two-dimensional drawings of three-dimensional objects</i>	10		
<i>MA 6.2.5.d Determine the perimeter of polygons</i>	9		
<i>MA 6.2.5.e Determine the area of parallelograms and triangles</i>	10		
<i>MA 6.2.5.f Determine the volume of rectangular prisms</i>	10		
ALGEBRAIC CONCEPTS	Number of items in Item Bank		
<i>MA 6.3.1.a Describe and create simple algebraic expressions from words and tables</i>	10		
<i>MA 6.3.1.b Use a variable to describe a situation with an equation</i>	6		

<b>MA 6.3.2.a</b> <i>Model contextualized problems using various representations</i>	10		
<b>MA 6.3.3.b</b> <i>Evaluate numerical expressions containing multiple operations with respect to order of operations</i>	18		
<b>MA 6.3.3.c</b> <i>Evaluate simple algebraic expressions involving multiplication and division</i>	8		
<b>MA 6.3.3.d</b> <i>Solve one-step equations involving positive rational numbers</i>	12		
<b>MA 6.3.3.e</b> <i>Identify and explain the properties of equality used in solving one-step equations</i>	11		
<b>DATA ANALYSIS/PROBABILITY CONCEPTS</b>	Number of items in Item Bank		
<b>MA 6.4.1.b</b> <i>Compare and interpret data sets and their graphical representations</i>	9		
<b>MA 6.4.1.c</b> <i>Find the mean, median, mode, and range for a set of data</i>	15		
<b>MA 6.4.3.b</b> <i>Compute theoretical probabilities for independent events</i>	5		
<b>MA 6.4.3.c</b> <i>Find experimental probability for independent events</i>	1		